

542 066

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 September 2004 (16.09.2004)

PCT

(10) International Publication Number
WO 2004/078618 A1

(51) International Patent Classification⁷: **B65G 7/02**,
69/00, B60T 3/00

(21) International Application Number:
PCT/SE2004/000009

(22) International Filing Date: 8 January 2004 (08.01.2004)

(25) Filing Language: Swedish

(26) Publication Language: English

(30) Priority Data:
0300023-9 10 January 2003 (10.01.2003) SE

(71) Applicant and

(72) Inventor: ERIKSSON, Bengt-Olov [SE/SE]; Backa 135,
S-790 23 Svärdsjö (SE).

(74) Agent: AROS PATENT AB; P.O. Box 1544, S-751 45
Uppsala (SE).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT (utility model), AU, AZ, BA, BB, BG, BR, BW, BY,
BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), DE,
DK (utility model), DM, DZ, EC, EE (utility model), EG,
ES, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID,
IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG,
SK (utility model), SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

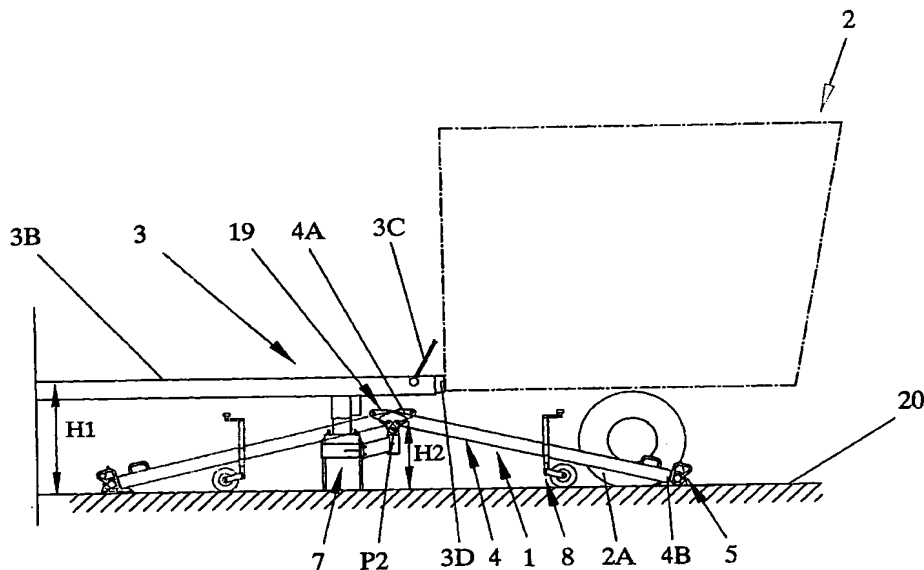
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), Euro-
pean (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,
GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: CHOCKING APPARATUS



(57) Abstract: An apparatus (1) for reliably blocking a vehicle (2) at a loading dock (3) comprises a telescopic arm (4) that at one end (4A) is supported so as to be stationary but is pivotal about two axes (P1, P2) and that at the opposite end (4B) is provided with an engagement means (5) for effecting a blocking connection between the vehicle and the area of a loading dock. At the same time as the stationary end maybe provided at a safe position where it is practically completely out of the way when it comes to e.g. snow clearance and risk of being run into, the capability of pivotal movement and the telescopic design of the arm makes it possible to easily maneuver the engagement means into a blocking or restraining engagement from the outside of the vehicle.

WO 2004/078618 A1